<110> Campochiaro, Peter A.
      Dixon, Katharine H.
      Brazzell, Romulus K.

<120> METHOD FOR TREATING OCULAR
  NEOVASCULARIZATION

<130> 4-31881A

<160> 21

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 183
<212> PRT
<213> Human

<400> 1

His	Ser	His	Arg	Asp	Phe	Gln	Pro	Val	Leu	His	Leu	Val	Ala	Leu	Asn
1				5					10					15	

Ser	Pro	Leu	Ser	Gly	Gly	Met	Arg	Gly	Ile	Arg	Gly	Ala	Asp	Phe	Gln
			20					25					30		

Cys	Phe	Gln	Gln	Ala	Arg	Ala	Val	Gly	Leu	Ala	Gly	Thr	Phe	Arg	Ala
		35					40					45			

Phe	Leu	Ser	Ser	Arg	Leu	Gln	Asp	Leu	Tyr	Ser	Ile	Val	Arg	Arg	Ala
	50					55					60				

Asp	Arg	Ala	Ala	Val	Pro	Ile	Val	Asn	Leu	Lys	Asp	Glu	Leu	Leu	Phe
65					70					75					80

Pro	Ser	Trp	Glu	Ala	Leu	Phe	Ser	Gly	Ser	Glu	Gly	Pro	Leu	Lys	Pro
			85					90					95		

Gly	Ala	Arg	Ile	Phe	Ser	Phe	Asp	Gly	Lys	Asp	Val	Leu	Arg	His	Pro
			100					105					110		

Thr	Trp	Pro	Gln	Lys	Ser	Val	Trp	His	Gly	Ser	Asp	Pro	Asn	Gly	Arg
		115					120					125			

Arg	Leu	Thr	Glu	Ser	Tyr	Cys	Glu	Thr	Trp	Arg	Thr	Glu	Ala	Pro	Ser
	130					135					140				

Ala	Thr	Gly	Gln	Ala	Ser	Ser	Leu	Leu	Gly	Gly	Arg	Leu	Leu	Gly	Gln
145					150					155					160

Ser	Ala	Ala	Ser	Cys	His	His	Ala	Tyr	Ile	Val	Leu	Cys	Ile	Glu	Asn
			165					170					175		

Ser	Phe	Met	Thr	Ala	Ser	Lys
			180			

<210> 2
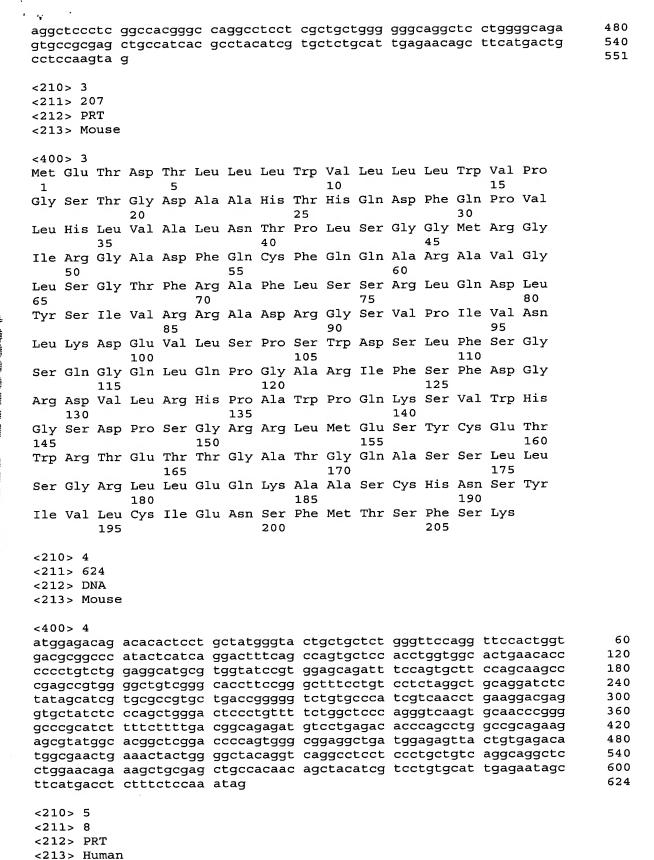<211> 551
<212> DNA
<213> Human

<400> 2

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acagccaccg cgacttccag ccggtgctcc acctggttgc gctcaacagc cccctgtcag     60
gcggcatgcg gggcatccgc ggggccgact tccagtgctt ccagcaggcg cgggccgtgg    120
ggctggcggg caccttccgc gccttcctgt cctcgcgcct gcaggacctg tacagcatcg    180
tgcgccgtgc cgaccgcgca gccgtgccca tcgtcaacct caaggacgag ctgctgtttc    240
ccagctggga ggctctgttc tcaggctctg agggtccgct gaagcccggg gcacgcatct    300
tctcctttga cggcaaggac gtcctgaggc accccacctg gccccagaag agcgtgtggc    360
atggctcgga ccccaacggg cgcaggctga ccgagagcta ctgtgagacg tggcggacgg    420
```

```
aggctccctc ggccacgggc caggcctcct cgctgctggg gggcaggctc ctggggcaga      480
gtgccgcgag ctgccatcac gcctacatcg tgctctgcat tgagaacagc ttcatgactg      540
cctccaagta g                                                           551
```

<210> 3
<211> 207
<212> PRT
<213> Mouse

<400> 3

```
Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro
 1               5                  10                 15
Gly Ser Thr Gly Asp Ala Ala His Thr His Gln Asp Phe Gln Pro Val
                20                  25                 30
Leu His Leu Val Ala Leu Asn Thr Pro Leu Ser Gly Gly Met Arg Gly
            35                  40                  45
Ile Arg Gly Ala Asp Phe Gln Cys Phe Gln Gln Ala Arg Ala Val Gly
        50                  55                  60
Leu Ser Gly Thr Phe Arg Ala Phe Leu Ser Ser Arg Leu Gln Asp Leu
65                  70                  75                  80
Tyr Ser Ile Val Arg Arg Ala Asp Arg Gly Ser Val Pro Ile Val Asn
                85                  90                  95
Leu Lys Asp Glu Val Leu Ser Pro Ser Trp Asp Ser Leu Phe Ser Gly
            100                 105                 110
Ser Gln Gly Gln Leu Gln Pro Gly Ala Arg Ile Phe Ser Phe Asp Gly
        115                 120                 125
Arg Asp Val Leu Arg His Pro Ala Trp Pro Gln Lys Ser Val Trp His
    130                 135                 140
Gly Ser Asp Pro Ser Gly Arg Arg Leu Met Glu Ser Tyr Cys Glu Thr
145                 150                 155                 160
Trp Arg Thr Glu Thr Thr Gly Ala Thr Gly Gln Ala Ser Ser Leu Leu
                165                 170                 175
Ser Gly Arg Leu Leu Glu Gln Lys Ala Ala Ser Cys His Asn Ser Tyr
            180                 185                 190
Ile Val Leu Cys Ile Glu Asn Ser Phe Met Thr Ser Phe Ser Lys
        195                 200                 205
```

<210> 4
<211> 624
<212> DNA
<213> Mouse

<400> 4

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atggagacag acacactcct gctatgggta ctgctgctct gggttccagg ttccactggt       60
gacgcggccc atactcatca ggactttcag ccagtgctcc acctggtggc actgaacacc      120
cccctgtctg gaggcatgcg tggtatccgt ggagcagatt tccagtgctt ccagcaagcc      180
cgagccgtgg ggctgtcggg caccttccgg gctttcctgt cctctaggct gcaggatctc      240
tatagcatcg tgcgccgtgc tgaccggggg tctgtgccca tcgtcaacct gaaggacgag      300
gtgctatctc cagctggga ctccctgttt tctggctccc agggtcaagt gcaacccggg      360
gcccgcatct tttctttga cggcagagat gtcctgagac acccagcctg ccgcagaag       420
agcgtatggc acggctcgga ccccagtggg cggaggctga tggagagtta ctgtgagaca      480
tggcgaactg aaactactgg ggctacaggt caggcctcct ccctgctgtc aggcaggctc      540
ctggaacaga aagctgcgag ctgccacaac agctacatcg tcctgtgcat tgagaatagc      600
ttcatgacct ctttctccaa atag                                            624
```

<210> 5
<211> 8
<212> PRT
<213> Human

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<400> 5
Ala Pro Gln Gln Glu Ala Leu Ala
 1   5

<210> 6
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 6
actggtgacg cggcccatac tcatcaggac tttcagcc   38

<210> 7
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 7
aagggctatc gatctagctg gcagaggcct at   32

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 8
cactgcttac tggcttatcg   20

<210> 9
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 9
ctgatgagta tgggccgcgt caccagtgg   29

<210> 10
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 10
aagggctatc gatctagctg gcagaggcct at   32

<210> 11

<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 11
gatctctaga ccaccatgca tactcatcag gactt   35

<210> 12
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 12
actggagaaa gaggtttatc tagctactag   30

<210> 13
<211> 18
<212> PRT
<213> Adenovirus

<400> 13
Met Arg Tyr Met Ile Leu Gly Leu Leu Ala Leu Ala Ala Val Cys Ser
 1   5   10   15
Ala Ala

<210> 14
<211> 96
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 14
gatctctaga ccaccatgag gtacatgatt ttaggcttgc tcgcccttgc ggcagtctgc   60
agcgcggccc atactcatac tcatcaggac tttcag   96

<210> 15
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 15
atcgatcata ctcatcagga ctttcagcc   29

<210> 16
<211> 29
<212> DNA
<213> Artificial Sequence

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<220>
<223> PCR Primer

<400> 16
gcggccgcct atttggagaa agaggtcat                                          29

<210> 17
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 17
ttttttttc agtgtaaaag gtc                                                 23

<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 18
cagatgacat cctggccag                                                     19

<210> 19
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 19
ctatacagga aagtatggca gc                                                 22

<210> 20
<211> 118
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 20
gccaagcttc catgagggcc tggatcttct ttctcctttg cctggccggg agggctctgg        60
cagcccctca gcaagaagcg ctcgctcaca gccaccgcga cttccagccg gtgctcca        118

<210> 21
<211> 123
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR Primer

<400> 21
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ccaggtggag caccggctgg aagtcgcggt ggctgtgagc gagcgcttct tgctgagggg        60
ctgccagagc cctcccggcc aggcaaagga gaaagaagat ccaggccctc atggaagctt       120
ggc                                                                     123
```

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- 1 -